

**NEW**



## Features

- Intel® Atom™ E3950 / Pentium® N4200 / Celeron® N3350
- HDD easy maintenance design
- Three Independent Displays (2 x HDMI up to 4K + DVI-D)
- Multiple I/O Port (2 x LAN with PoE + 4 x USB3.0 + 4 x COM + DIO + I<sup>2</sup>C)
- Expansion Slot (2 x full size mini-PCIe + SD slot + 2 x SIM slot)
- Support 4 x antenna
- Support remote switch
- Wide range voltage DC in (9~36V)
- Wide rang temperature (w/ E3950)

## Specifications

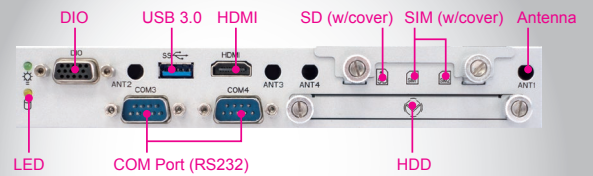


### System

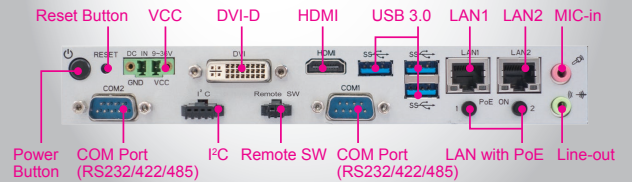
CPU Support	Intel® Celeron N3350, 6W, 2C, 2.4 GHz Intel® Pentium N4200, 6W, 4C, 2.5 GHz Intel® Atom™ x7 E3950, 12W, 4C, 2.0 GHz
Memory Support	1 x DDR3L 1600/1867 SO-DIMM socket, memory up to 8 GB
API	Watchdog / HW monitor / Digit IO / SMBus
Drive Bay	1 x 2.5 inch SATAIII HDD or SSD drive space
Power Input	DC-in 9~36V
Power Adaptor	DC in 24V, 72W or 120W(optional)
Operating System	Windows 10 IoT Enterprise LTSB 2016 64bit / Ubuntu16.04 LTS
Expansion Slot	1 x full size mini PCIe (with mSATA or 3G/4G card with USB 2.0 signal) 1 x full size mini PCIe (with PCIe or 3G/4G card with USB 2.0 signal) 1 x SD slot 2 x SIM slot
System Weight	2 Kg
Dimension (WxHxD)	217.5 x 45 x 148 mm
Certificate	FCC / CE

### System Front View & Rear View

Front View



Rear View



### I/O Ports (Front side)

USB	1 x USB3.0
Serial Port	COM 3/4 for RS232
Display	1 x HDMI 1.4b (up to 3840 x 2160)
LED	1 x power LED, 1 x HDD LED
Antenna Hole	4 x antenna holes
Drive Bay	1 x 2.5 inch SATAIII HDD or SSD drive space
SD card	1 x SD slot
SIM card	2 x SIM slot
Digital I/O	4 in / 4 out

### Environment

Operating Temp. (with airflow)	HDD: 0°C ~40°C (32°F~104°F) SSD: 0°C ~ 50°C (32°F~113°F) Wide range temperature: -20°C ~ 50°C (w/ E3950) (-4°F~113°F)
Storage Temp.	-40°C ~ 80°C
Humidity	20% ~ 90%

### I/O Ports (Rear side)

USB	3 x USB 3.0,
Serial Port	COM 1/2 for RS232/422/485 selectable by BIOS, RI/5V/12V selectable by jumper
Display	1 x HDMI 1.4b (up to 3840 x 2160) + DVI-D
LAN	2 x LANs with PoE(IEEE 802.3af) as option, wake-on-lan, PXE LAN 1: Intel® I210IT LAN 2: Intel® I210IT
Audio	1 x Line-out, 1 x MIC-in
I <sup>2</sup> C	1 x I <sup>2</sup> C port
Power Input	2 pin DC-in terminal block, supporting 9~36V DC-in
Power On/Off	1 x power button 1 x remote switch
LED	2 x PoE LED

HDMI 1.4b (up to 38x21p305)